AMENDMENT OF SOLICITATION/MODIFIC	TRACT	CONTRACT ID CODE	PAGE OF	PAGE OF PAGES			
				1	4		
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DA	1.3	REQUISITION/PURCHASE REQ. NO. 300546433	5. PROJECT NO	. (If applicable)		
200006	See Block	. 100					
S. ISSUED BY CODE	N00014		ADMINISTERED BY (If other than Item 6)	CODE S110	3A		
Office of Naval Research			CMA ATLANTA				
Michael Lemon 703-696-3130			2300 LAKE PARK DRIVE				
Michael.a.Lemon@navy.mil			SUITE 300				
375 North Randolph Street		S	MYRNA GA 30080				
Suite 1425 Arlington VA 22203							
s. NAME AND ADDRESS OF CONTRACTOR (No., street	t county State and 7IF	2 Code)	9A. AMENDMENT OF SOLICITATION NO.				
THE WILL PRODUCE OF CONTROL OF CO	i, county, claic and zir	(x)	- AMENDMENT OF OCCIONATION NO.				
DVANCED TECHNOLOGY INTERNAT	IONAL						
ttn: Chris Van Metre			9B. DATED (SEE ITEM 11)				
15 SIGMA DRIVE							
UMMERVILLE SC 29483		-	10A. MODIFICATION OF CONTRACT/ORDE	ER NO			
		X	X N00014-16-D-4001				
			N00014-17-F-M001				
			10B. DATED (SEE ITEM 13)				
CODE 1G3V8	FACILITY CODE		10/07/2016				
	11. THIS ITEM	ONLY APPLIES TO AME	NDMENTS OF SOLICITATIONS				
The above numbered solicitation is amended as set for	orth in Item 14 The	hour and date specified	for receipt of Offers	extended, is not e	xtended		
Offers must acknowledge receipt of this amendment p				_			
Items 8 and 15, and returning co	pies of the amendm	ent; (b) By acknowledgin	g receipt of this amendment on each copy of the	he offer submitted; or (c) By		
separate letter or telegram which includes a reference					Г		
THE PLACE DESIGNATED FOR THE RECEIPT OF (virtue of this amendment you desire to change an offer							
reference to the solicitation and this amendment, and	•			an or letter makes			
2. ACCOUNTING AND APPROPRIATION DATA (If requ			ncrease:	\$1,094,256.	.00		
781319 W3MT 255 00014 0 050)120 2D 00(0000 A2000324	18942				
13. THIS ITEM ONLY APPLIES TO M	IODIFICATION OF C	ONTRACTS/ORDERS.	T MODIFIES THE CONTRACT/ORDER NO. AS	S DESCRIBED IN ITEM	14.		
OUEOK ONE							
A. THIS CHANGE ORDER IS ISSUED FORDER NO. IN ITEM 10A.	PURSUANT TO: (Sp	pecify authority) THE CH	ANGES SET FORTH IN ITEM 14 ARE MADE	IN THE CONTRACT			
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH	CT/ORDER IS MOD H IN ITEM 14, PURS	IFIED TO REFLECT THE SUANT TO THE AUTHOR	EADMINISTRATIVE CHANGES (such as chan RITY OF FAR 43.103(b).	iges in paying office,			
C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERED INT	O PURSUANT TO AUTH	IORITY OF:				
D. OTHER (Specify type of modification	and authority)						
X FAR 43.103 (a) Bilat	eral Modit	fication and	FAR 52.244.2 Subcontrac	cts			
. IMPORTANT: Contractor is not.	x is required to s	ign this document and re	turn1 copies to the is	suing office.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION	(Organized by UCF	section headings, includ	ing solicitation/contract subject matter where fe	easible.)			
he purpose of this modifica			•	*	ate the		
ey Personnel clause, and pr				=			
cy rersonner erause, and pr	01140 41/0	791,200 01 111	CICMCHEAI FAHAS AHACI N	.00011 17 1 .	.1001.		
Except as provided herein, all terms and conditions of the	ne document referer	iced in Item 9 A or 10A, a	s heretofore changed, remains unchanged and	d in full force and effect	:-		
15A. NAME AND TITLE OF SIGNER (Type or print)			6A. NAME AND TITLE OF CONTRACTING C	OFFICER (Type or print,	1		
		,	Mary Helen Dent				
5B. CONTRACTOR/OFFEROR	15	4	6B. UNITED STATES OF AMERICA	16	C. DATE SIGNED		
		(0)(6)	0	5/09/2018		
(Signature of person authorized to sign)			(Signature of Contracting Officer)		J/ UJ/ ZUIO		

NSN 7540-01-152-8070 Previous edition unusable

Section B - Supplies or Services/Prices

1 - Supplies or Services/Prices was revised as follows.

Table has been revised and now reads as follows:

Cost-Plus-Fixed-Fee CLINs/SLINs

Item/Sub Number	Description	Product Service Code (PSC)	Obligated Amount	Estimated Cost	Fixed Fee	Estimated Cost and Fixed Fee
0001	The contractor shall provide project development and management of the Navy Metalworking Center of Excellence in accordance with Attachment 1, Statement of Work.	AE33	\$0.00	\$2,813,585.00	\$94,930.00	\$2,908,515.00
000101	ACRN AA: \$200,000	AE33	\$200,000.00			
K 10 (1) 1 (1) 2	Incremental Funding ACRN AB: \$250,000		\$250,000.00			
10000103	Incremental Funding ACRN AB: \$200,000		\$200,000.00			
0000104	Incremental Funding ACRN AC: \$120,000		\$120,000.00			
1000105	Incremental Funding ACRN AC: \$240,000		\$240,000.00			
	Incremental funding ACRN AC: \$1,094,256		\$1,094,256.00			
Total Amount						

Section C - Description/Specifications

1 - Statement of Work was revised as follows.

Summary of Clause Changes:

Clause 0030 is incorporated as follows:

ONR- Key Personnel

- (a) The Contractor agrees to assign to the contract tasks those persons whose resumes were submitted with its proposal and who are necessary to fulfill the requirements of the contract as "key personnel". No substitutions may be made except in accordance with this instruction.
- (b) The Contractor understands that during the first ninety (90) days of the contract performance period, no personnel substitutions will be permitted unless these substitutions are unavoidable because of the incumbent's sudden illness, death or termination of employment. In any of these events, the Contractor shall promptly notify the Contracting Officer and provide the information described in paragraph (c) below. After the initial ninety (90) day period the Contractor must submit to the Contracting Officer all proposed substitutions, in writing, at least [] days in advance [] days if security clearance must be obtained, of any proposed substitution and provide the information required by paragraph (c) below.
- (c) Any request for substitution must include a detailed explanation of the circumstances necessitating the proposed substitution, a resume for the proposed substitute, and any other information requested by the Contracting Officer. Any proposed substitute must have qualifications equal to or superior to the qualifications of the incumbent. The Contracting Officer or his/her authorized representative will evaluate such requests and promptly notify the Contractor in writing of his/her approval or disapproval thereof.

(d) In the event that any of the identified key personnel cease to perform under the contract and the substitute is disapproved, the contract may be immediately terminated in accordance with the Termination clause of the contract.

The following are identified as key personnel:

Director: Marty Ryan, Technical Director: Paul Blomquist; Deputy Director: Dale Orren; Business Manager: Jordan Busch

Section G - Contract Administration Data

4 - Financial Accounting Data was revised as follows.

Table has been revised and now reads as follows:

ACRN	List of Item/Sub Number (LI#)	Line of Accounting (LOA)	Obligated Amount - This Action	Obligated Amount- ACRN Total
AA	1000101	1761319 W3MT 255 00014 0 050120 2D 000000 A00003248942	\$0.00	\$200,000.00
AB	000102, 000103	1771319 W3MT 255 00014 0 050120 2D 000000 A10003248942	\$0.00	\$450,000.00
A		1781319 W3MT 255 00014 0 050120 2D 000000 A20003248942	\$1,094,256.00	\$1,454,256.00
Total Award Obligated Amount				

5 - Allotment of Funds was revised as follows.

It is hereby understood and agreed that this contract will not exceed a total amount of \$2,908,515 including an estimated cost of \$2,813,585 and a fixed fee of \$94,930.

The total amount presently available for payment and allotted to CLIN 0001 of this contract is \$2,104,256 including an estimated cost of \$2,035,576 and a fixed fee of \$68,680. It is estimated that the amount allotted of \$2,104,256 will cover the period from date of award through 01 Aug 2018.

Section H - Special Contract Requirements

1 - ONR Consent to Subcontract and/or Hire Consultants was revised as follows.

The services of the following subcontractors and/or consultants have been identified as necessary for the performance of this contract:

Edison Welding Institute (EWI)

Base Period (CLIN 0001) - \$658,288

Option I (CLIN 0002) - \$397,390

Option II (CLIN 0003) - \$409,354

Option III (CLIN 0004) - \$421,591

Total (if all options exercised): \$1,886,623

Tim Wallace

Base Period (CLIN 0001) - \$100,000

Option I (CLIN 0002) - \$50,000

Option II (CLIN 0003) – \$50,000

Option III (CLIN 0004) - \$50,000

Total (if all options exercised): \$250,000

Richard Storch

Base Period (CLIN 0001) - \$153,632

Option I (CLIN 0002) - \$76,816

Option II (CLIN 0003) - \$76,816

Option III (CLIN 0004) - \$76,816

Total (if all options exercised): \$384,080

Pennsylvania State University - Applied Research Laboratory

Base Period (CLIN 0001) - \$11,625

The preceding listing of subcontracts were evaluated during negotiations as required by Paragraph (j) of the contract clause at FAR 52.244-2 entitled "Subcontracts" and therefore do not require consent in accordance with paragraphs (c) and (e) of the Subcontracts clause. This consent is based upon the information submitted by the prime contractor in accordance with FAR 52.244-2 (e) (1) (i) through (vii).

Except as modified herein, all other terms and conditions remain the same and unchanged under Task Order N00014-17-F-M001.